Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No: First and Part Bill (For Other Works) Date.....2018

Division: **Project** Sub-Division: **Project**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Work Code: 006-17-000049**

Schedule Docket No. Head of Account: P-3106 Est.Cost- **75.00 Lakhs**

Name of Work: **Package-02 Construction of Samudaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Clony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony**

Name of Contractor and Full Address: **Sri. K Gopireddy**

Reference to Agreement No: **78/2017-18** Date: **18/12/2017**

Certified that the measurements were taken by me on 13/5/19 and recorded of Pages 22019 - 2026 of measurement Book No. **14/2018-19** and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on .....13/5/19.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Sub-Division Officer
Project Division
Yelahanka Zone
Bangalore

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	Total: 52,34,901-00
	b) Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	IT - 52349-00 Cess - 52349-00 CBF - 5235-00 LR - 33[illegible]6-00 CGST - 46740-00 SGST - 46740-00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	ADJU. 237259-00
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	Cheque 4997642-00
	Total amount adjusted.-	

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Audited & Admitted for Rs. (For use in the Office)
Rs. 52,34,901-00

Witness
1.
2.

Stamp

Rs. 4997642-00 by Cheque
and Rs. 237259-00 by Adjustment

Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Accts. Supdt.
Project Division
B.B.M.P.

Executive Engineer
Project Division
B.B.M.P.

BRUHAT BANGALORE MAHANAGARA PALIKE

PROJECT DIVISION, YELAHANKA ZONE

Name of Work: Package-02 Construction of Samudaya Bhavana Buildings at Dasarahalli SC Colony Mariyannapalya Clony Amruthahalli SC Colony Kuvempunagara SC Colony and Varadarajanagara SC Colony

Name of Agency: Sri.K Gopireddy

Work Order No: EE(Project)/Ynk Zone/WO/78/2017-18

First and Part Bill

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm,, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials to be used or auctioned,s including removal and disposal of top organic soil not exceeding 150 mm in thickness as per specifications. I. By Manual I Means, A, In area of light jungle.and as per the direction Engineer-in-Charge	Ha	0.09			0.00	52780.00	0.00	0.00	0.00
2	Compaction of original ground with maximum of 6 passes of 8 to 10 tones power roller including filing in depression occurring during rolling including cost of all labour, HOM of machinery complete as per specifications. and as per the direction Engineer-in-Charge	Sqm	266.83			0.00	4.00	0.00	0.00	0.00
3	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50 m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specificationsand as per the direction Engineer-in-Charge	Cum.	266.83			169.33	169.00	28615.93	169.33	28615.93
4	Earthwork excavation by manual means for foundation of buildings,water supply,sanitary lines and electrical conduits either in pis or in trenches1.5m and above in width,in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits & trenches ,stacking the excavated soil clear from the edges of excavation with lead upto 50m after breaking of clods complete as per specifications. and as per the direction Engineer-in-Charge	Cum.	398.81			470.48	295.00	138790.21	470.48	138790.21
5	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57 cum machine mixed concrete laid layers not exceeding 15cms thick well compacted in foundation and plinth including cost of all materials, labour. HOM of mahinery, curing complete as per specifications . and as per the direction Engineer-in-Charge	Cum.	40.12			49.28	5250.00	258726.04	49.28	258726.04
6	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement@340kgs, with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.12PWD SR - 2016-17)	Cum.	109.68			114.53	6718.00	769445.96	114.53	769445.96

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Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
7	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (P.6/2.10 PWD SR - 2016-17).	Cum.	248.60			248.60	125.00	31075.00	248.60	31075.00
8	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:8, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 (P.23/5.6 PWD SR - 2016-17).	Cum.	57.46			66.86	4350.00	290841 290845.35	66.86	290841 290845.35
9	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in Ground Floor Level for Roof Slabs, Staircase, Lintels and Beams, retaining walls, return walls, Walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, Parapets, Coping, bed blocks, anchor blocks, Plain Window Cills, Fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. and as per the direction Engineer-in-Charge	Cum.	59.59			74.49	6870.00	511746.30	74.49	511746.30
	Above 125%	Cum.				34.91	6786.28	236909.03	34.91	236909.03
10	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of materials, labour complete as per specifications. (P15/4.28PWD SR - 2016-17)	Sqm	210.40			132.60	240.00	31824.00	132.60	31824.00
11	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.and as per the direction Engineer-in-Charge	Sqm	142.95			160.93	316.00	50854 50852.30	160.93	50854 50852.30
12	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P16/4.32PWD SR - 2016-17)	Sqm	209.44			190.97	390.00	74477.52	190.97	74477.52
13	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.18PWD SR - 2016-17)	Sqm	11.50			0.00	550.00	0.00	0.00	0.00
14	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.114/15.21PWD SR - 2016-17)	Sqm	93.60			117.00	200.00	23400.00	117.00	23400.00
	Above 125%	Sqm				41.15	200.00	8230.00	41.15	8230.00

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Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
15	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500 (P17\4.46.3PWD SR - 2016-17)	Tonne	13.51			16.89	76329.00	1289196.81	16.89	1289196.81
						4.30		259870-	4.30	259870-
	Above 125%	Tonne				4.31	60434.87	260474.29	4.31	260474.29
16	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/cum having a minimum average compressive strength of 4.00N/mm2 confirming to IS 2185(Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding , curing , hire charges of machineries etc., complete as per specfications . KBS No.5.4 with solid concrete blocks of size 40x20x20cm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	188.54			235.68	990.00	233323.20	235.68	233323.20
	Above 125%	Sqm				44.84	990.00	44391.60	44.84	44391.60
17	KSRB 5-15 : Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 3.5 Newton per Sqmm with cement mortar 1:4 (quoin, Jamb, closer blocks) with blocks of size 40x10x20cms. (lxbxh) conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. ---- All terms and conditions as per the Tender document	Sqm	105.60			110.35	760.00	83866- 83862.20	110.35	83866- 83862.20
18	Flooring with 20mm thick polished shahabad slabs using cement morter 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the side of the slab, including cost of materials, labour, curing, polishing complete as per specifications, Specification no. KBS ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	606.20			0.00	1290.00	0.00	0.00	0.00
19	KSRB 14.14.5:Providing Ceramic tiles of size 30x30cms of approved make, shade and size for walls treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. Ceramic Tiles of size 30x30cms 6mm thick.(page 105/Item no. 14.36.2PWD SR - 2016-17)	Sqm	14.40			0.00	1100.00	0.00	0.00	0.00
20	KSRB 14.17.2 : Providing skirting dado, rises of steps with coloured glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface using glazed tiles of approved make and size including cost of materials labour, complete as per specifications. Specification No. KBS 14.16., 14.17 Coloured glazed tiles 30x60cms 6mm thlck with border of size 30x10cms.(Page no. 106/ Item No. 14.41.2PWD SR - 2016-17)	Sqm	25.62			0.00	1000.00	0.00	0.00	0.00
21	Providing Math/Nandi wood frames of doors ,windows, clerestory windows, ventilatorsand other frames,wroughtframed or assembled including making plaster grooves(excluding cost of cement concrete and side clamps),but including cost of materials,labour ,HOM of machineries, complete as per specifications. Specification No.KBS9.33 ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Cum.	1.44			0.25	87255.00	21814- 21988.26	0.25	21814- 21988.26

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
22	Providing and fixing in position Mathi.Nandi wood shutters for doors with styles and rails of 40 mm, thick with bottom and lock rails 180 mm wide top rails and styles 100 mm wide as per drawing and panels of 25 mm thick including cost of materials , labour HOM of machinery complete as per specifications (excluding cost of fixtures) specification no.KBS 9.34 ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	23.04			8.82	4239.00	37387.98	8.82	37387.98
23	Providing ruled pointing to coursed stone masonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicely lining including cost of materials , labour, curing complete as per specifications ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Cum.	590.57			195.84	100.00	19584.00	195.84	19584.00
24	Providing 18mm thick cement plaster in Single coats with cement mortar 1:6 to Brick Masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. External Plastering ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	201.16			211.01	200.00	42202- ~~42201.60~~	211.01	42202- ~~42201.60~~
25	KSRB 15-15.1: Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer).(P117/15.51.2PWD SR - 2016-17)	Sqm	791.73			0.00	95.00	0.00	0.00	0.00
26	Providing and finishing external walls with in two coats with water proof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortardrops and other foreign matter cost of material labour complete as per specifications with primer. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	201.16			0.00	75.00	0.00	0.00	0.00
27	KSRB 7.11:Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame of size 61.85x31.75mm bottom section 1.2mm thick,weight 0.695kg/m; sides and top sections 1.3 mm, thick, weight 0.659kg/m.shutter frame section comprising top and bottom section of size40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutterinterlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved qualityof fixtures such as aluminium handles tower bolts etc.; providing andfixing 5.5mm. thick plain glass for shutters fitted with rubber beading allaluminium sections including cutting to required length, joints mitredsubdividing the frame tenonned and rivetted, in the assembled frame,stiffened with end clips for corners, angles etc., and fixed to the walls,lintels, floor beams/cills as the case may be, with necessary steelscrews, raul plugs or teak wood gatties including cutting masonry orconcrete and making good the original surface using cement mortar (using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder ofapproved quality.)P.NO33/S.NO7.10.2PWD SR - 2016-17)	Sqm	43.20			0.00	4000.00	0.00	0.00	0.00

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Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
28	Providing , fabricating , assembing and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505 kg/m , top section 47.62x44.45mm thickness 3.18mm, section weight 2.646 kg/m, door central section 49.91x44.45mm thickness 3.00mm,section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m , aluminium section cut to length joint metred corners grinded , the shutters pivoted opening arrangment with heavy duty aluminium alloy automatic door closures floor mounted ,providing and fixing standard approved accessories , such as aluminium handle for full width or length, tower bolts, lock , pivots :P.V.C.or rubber gasket with 5.5m.thick plain glass for top and bottom panel: aluminium section treated for removel of any rust and prevention of further rust formation,and coated with greasy materials for non - adherance of mortars or any other stick materials; the assemble frame fitted with the corner angles, strips and fitted with screws ,rawl plugs or teakwood guttise to R.C.C.columns or masonry on sides. beams and flooring in bottom. including cutting , chistling and making good with cement mortar to match the surface ;all the frames throughly cleaned free from rust, scale , or dirt including cost of materials fixtures labour and HOM of machinery complete as per specifications. ---- All terms and	Sqm	17.64			0.00	6700.00	0.00	0.00	0.00
29	KSRB 7.5: Providing and fixing pull and push type rolling shutters of approved make out of 18 guage,75mm wide cold rolled steel laths of convex corrugation with side guides and bottom rail,with interlocking arrangements for steel laths by means of alternate clips,suspension shaft with high tension coil type springs two numbers,mounted on specially designed pipe shaft with bracket plates,guide channels.ball bearing arrangements for inside &outside locking with push & pull operations complete including pulling hooks,4nos.handles with all fittings and accessories painted with a coat of red lead paint(without top cover) cost of materials, labour, HOM of machinery complete as per specifications.(P31/7.5PWD SR - 2016-17)	Sqm	11.52			0.00	2900.00	0.00	0.00	0.00
30	Fabrication,supplying and erection, M.S. Tubular Trusses of all spans as per approved drawing and design with prefabricated steel applications using quality material and are durable , reliable and corrosion and abrasion resistant. Welding shall confirm to latest strucutre welding code. Quality shall be on various parameters like shape , size ,design, guage and polish. The entire trusses is anchored to R.C.C. Column by using 4 nos. of M.S. aNCHOR BOLTS AT EACH SUPPORT WITH 10 MM thick base plate and shoe plate . The work includes cutting , straightening, placing in position of M.S. Pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials , labour charges ,and hire charges of machineries for cutting welding,grinding and erection equipments,i with all lead, lift transportation etc. complete as per specifications.) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Kg	2004.34			0.00	100.00	0.00	0.00	0.00
31	Fabrication,supplying and erection, M.S.Angular Trusses for all spans as per approved designs and drawing the entire truss is anchored suitaby by using 4 nos . Of M.S.anchor bolts at each support , with base plate and shoe plate. The work includes cutting , straightening , placing in position of M.S.angle and welding wherever necessary , and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges , &hire charges of machineries for cutting , welding , grinding & erection equipments , etc..,complete as per specification ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Kg	4032.74			0.00	110.00	0.00	0.00	0.00

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
32	Providing and laying non-asbestos high impact polypropylene reinforced corrugated cement roofing sheet reinforced with a blend of strong factory made fibers as per IS:14871 ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	743.16			0.00	550.00	0.00	0.00	0.00
33	Earthwork excavation for foundation of buildings culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches where excavation width is up to 600mm and below 1.5m, in ordinary soil including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50m. after breaking of clods complete as per specifications. All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Cum.	34.52			0.00	155.00	0.00	0.00	0.00
34	KSRRB 4.1.2:- Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0 .892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications. (P.12/4.2 PWD SR - 2016-17).	Cum.	5.31			6.50	5400.00	35100.00	6.50	35100.00
35	Providing and constructing granite / trap/ basalt size stone masonry in foundation with cement mortar 1:6 stone hammer dressed in courses not less then 20 cms high, bond stones at 2 m apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Cum.	26.55			0.00	3450.00	0.00	0.00	0.00
36	Providing and constructing grantie /trap / basalt size stone masonry in Basement with cement mortar 1:6, edges of stone chistle dressed in course not less than 15 cms. high with bond stones at 2m apart in each course including cost of all materials, labour, curing cmplete as per specifications --- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Cum.	13.28			0.00	5300.00	0.00	0.00	0.00
37	Providing and laying in position reinforced cement concrete of design mix M-20 with OPC Cement @342kgs using 20mm and down size granite metal coarse aggregate @0.69cum and fine aggregates @0.46 cum with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed 2008, machine mixed concrete laid in layers not exceeding 15cm thick vibrated for all works in ground floor level for roof slabs , staircases, lintel beams, Columns, including cost of materila , labour, HOM of machinery curing complete , complete (exclusive of cost ofreinforcement as per specifications. Specification no.KBS 4.1,4.6 ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Cum.	2.25			0.00	6500.00	0.00	0.00	0.00
38	KSRB 15.1.5 Providing raised and cut pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking out joints to depths of 20mm nicely lining, including cost of all materials, labour, curing complete as per specifications. ---- All terms and conditions as per the Tender document	Rmtr	59.00			68.44	145.00	9923.22	68.44	9923.22

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Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
39	Supplying and fixing M.S Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in cc 1:2:4 with 2 nos 16mm dia M.S hold fast rods each of length 25cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welding joints with all lead lifts and as per directions of the Engineer -in- charge of the work and including two coats of paint over one coat of shop painting (excluding cost of earthwork and concrete) ---- All terms and conditions as per the Tender document	m	95.00			0.00	875.00	0.00	0.00	0.00
40	Providing and fixing M.S block pipe of 38mm dia of heavy gauge of 14 including removing the bends, cutting the pipe and fixing between the two vertical poles(M.S rectangular poles) and spot welding the chain link with M.S block pipe including cost of all materials wastage in cutting and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint ---- All terms and conditions as per the Tender document	m	250.00			0.00	325.00	0.00	0.00	0.00
41	Providing chain link fencing 50mm size of 8 gauge properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free end shall be welded to the pole and block pipe to the top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint ---- All terms and conditions as per the Tender document	Sqm	442.50			0.00	700.00	0.00	0.00	0.00
42	Providing and fixing M.S.Gate as per architects drawingusing 50 x50 mm 14 guage M.S. Hollow pipe frame work bent to ornamental shape and 35 x 6 mm and 16 x 16 mm square rods vertically alternatively spaced at 4 cmc/c/ in two halves and 40 x 6 mm M.S.Flats for horizontal member at top and cast iron spikes are provided at alternate vertical members ---- All terms and conditions as per the Tender document	Sqm	9.00			0.00	3100.00	0.00	0.00	0.00
43	Providing & fixing white vitreous china clay , water closet European type (Pedestal type , S-Trap) with black solid plastic seat and lid . CP Brass hinges , rubber buffers, 10 litre white glazed / vitreous china clay low level flushing cistern (all are approved make) with fittings C.I. /M.S. Brackets , 40 mm diameter flush bend fittings and clamps over flow arrangement with specials and 25 mm mosquito proof coupling of approved design , painting of fittings and brackets ,cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Nos.	4.00			0.00	5300.00	0.00	0.00	0.00
44	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a single of 15mm C.P brass pillar taps with C.I / M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Nos.	8.00			0.00	4000.00	0.00	0.00	0.00
45	ksrb13-6,1-2:Providing and fixing in position brass bib cock of approved quality 20 mm dia nominal bore including cost of materials, labour HOM of equipments with all leads complete with specifications Specification No.KBS 13.2.2./13.3 ---- All terms and conditions as per the Tender document	Each	12.00			0.00	250.00	0.00	0.00	0.00

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
46	Providing and fixing to wall, ceiling and floor unplasticised PVC 6kgs/sqm working pressure with pipe fittings, walll clips etc. and making good the wall , ceiling and floor for sanitary pipe lines including cost of all materials, labour HOM of acquirements and testing complete as per specifications.75 mm dia ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Rmt	30.00			0.00	300.00	0.00	0.00	0.00
47	b) 110 mm dia ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Rmt	20.00			0.00	435.56	0.00	0.00	0.00
48	Providing and fixing rigid PVC bend of required degree (of approved make) for S.W.R. drainage pipes of approved including lubricating. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	16.00			0.00	550.00	0.00	0.00	0.00
49	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in CC 1:2:4 as per directions of 12.5cms x 7.5cms (Rate is inclusive of cost of materials and fixtures and conveyanceof materials to work spot). ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	No.	20.00			0.00	300.00	0.00	0.00	0.00
50	Constructing brick masonry inspection chamber 600X600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M-15 with 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3 finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	No.	2.00			0.00	9600.00	0.00	0.00	0.00
51	Providing and fixing CPVC pipes confirming to IS 15778 , having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mt spacing . This includes jointing of pipes and fittings with one stepCPVC Solvent cement and cost of cutting chases and making good the same including testing of joints complete (concealed work including cutting chasea and good the walls etc.) 32mm dia ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Rmt	10.00			0.00	330.00	0.00	0.00	0.00
52	25mm dia ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Rmt	70.00			0.00	250.00	0.00	0.00	0.00
53	Providing and fixing in position brass stop cock of approved quality 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(PWD, S.R. 2016-17)(p 91,, Item No.13.29) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	16.00			0.00	160.00	0.00	0.00	0.00
54	Providing and fixing in position brass gate valve with C.I. Wheel of approved quality (screed end) 5 mm nominal bore including cost of all materials , labour , HOM of equipments ith all lead , complete as per specifications. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Nos	4.00			0.00	1000.00	0.00	0.00	0.00

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
55	Core cutting for taking pipes and bore packing water tight with cement concrete and waterproof --- - All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Job	2.00			0.00	9000.00	0.00	0.00	0.00
56	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in ordinary soil not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.specification No.KBS 2.1(a)/2.3.5 ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Cum	12.00			0.00	200.00	0.00	0.00	0.00
57	Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications. Specification No. KBS 12.2.5/12.7 ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Rmt	10.00			0.00	350.00	0.00	0.00	0.00
58	Refilling available earth around the pipeline, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	cum	12.00			0.00	80.00	0.00	0.00	0.00
59	Providing stoneware gully trap of approved quality and make fixing inm-15 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials, fixtures and lead). (15cms x10cms) - --- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	No.	4.00			0.00	275.00	0.00	0.00	0.00
60	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m.and above in width, in ordinary soil not exceeding 1.5m.in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m after breaking of clods complete as per specifications.specification No.KBS 2.1(a)/2.3.5 ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	cum	12.00			0.00	200.00	0.00	0.00	0.00
61	Providing and fixing in trenches galvanised medium grade 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipments and testing complete as per specifications (From Sump to OHT) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Rmt.	1.20			0.00	540.00	0.00	0.00	0.00
62	Refilling available earth around the pipeline, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications.) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	cum	12.00			0.00	80.00	0.00	0.00	0.00
63	Providing and fixing 50mm dia nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials,labour charges,HOM of equipments and testing complete as per specifications ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	No.	4.00			0.00	1500.00	0.00	0.00	0.00

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
64	Providing and placing on terrace , polyethylene water storage tanks (1000 ltr capacity) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	No.	4.00			0.00	9000.00	0.00	0.00	0.00
65	Earthwork excavation for foundation of structures as per drawings and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising /tramsporting the remaining earth locally upto1.0kms lead - Ordinary Rock (not required blasting)- Manual means) ---- All terms and conditions as per the Tender document	Cum	25.60			0.00	70.00	0.00	0.00	0.00
66	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC Cement @220kgs with 40mm and down size graded granite metal coarse aggregate @0.892 cum and fine aggregates @0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, 110M of machinery, curing complete as per specifications . Specification No. KBS4.1,4.2 ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Cum	0.80			0.00	5400.00	0.00	0.00	0.00
67	Providing and laying in position reinforced cement concrete of design I mix M25 with OPC cement @340 Kg with 20mm and downsize graded granite metal coars aggregates @0.70 cum and fine aggregates @0.47 cum with superplasticisers @ 3 liters confirming to IS9103-1999 Reaffirmed -2008 at machine mixed concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining wall returns walls, walls(any thickness) including attached pilasters, coloumns, pillars, posts, struts, buttresses bed blocks, anchor blocks & plinth etc., including cost of all materials labour HOM of machinary curing complete as per specifications, specifications No KBS-4.1, 4.6 specification No:KBS4.1,4.6(PWD SR 2016-17)(Page No.13 item No.4.10) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Cum	2.02			0.00	6500.00	0.00	0.00	0.00
68	Extra for use of water proofing compound in Cement concrete of mix 1:1:2, at one kg of compound per bag of cement. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Cum	2.02			0.00	260.00	0.00	0.00	0.00
69	Providing and removing centering, shuttering, strutting, propping etc., and removal of from work for sides and soffits of beams, beam haunchings, cantilever griders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	7.68			0.00	260.00	0.00	0.00	0.00
70	Providing and removing centering, shuttering, strutting, propping etc., and removal of from work for flat surface such as suspended floors, roofs landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specificationSpecification No. KBS 4.6.2 - 0-5.0mts Ht ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	5.12			0.00	565.00	0.00	0.00	0.00

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
71	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/cum having a minimum average compressive strength of 4.00N/mm2 confirming to IS 2185(Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding , curing , hire charges of machineries etc., complete as per specfications . KBS No.5.4 with solid concrete blocks of size 40x20x20cm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	43.20			0.00	1000.00	0.00	0.00	0.00
72	Providing TMT Steel reinforcement for RCC work including straightening, cutting, bending, hooking placing in position lapping and/ or welding wherever required typing with binding wire and anchoring to the adjoining members wherever necessary complete as per design(laps, hooks and wastage shall not be measured and paid) cost of materials labour, HOM of machinery complete as per specifications, Specification No KBS 4.6.3 -do- TMT bars Fe 500(PWD SR 2016-17)(Page No.1 item No.4.46.2) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Tonne	0.24			0.00	75000.00	0.00	0.00	0.00
73	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS 2.9. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Cum	16.96			0.00	100.00	0.00	0.00	0.00
74	Providing 20 mm thick cement plaster in single coat with CM 1:3 to stone masonry / concrete surface including rounding off corners wherever required smooth rendering: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	42.24			0.00	250.00	0.00	0.00	0.00
75	Providing 12mm thick cement plastering in single coat with cement mortar 1:3 to ceiling l including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	4.40			0.00	185.00	0.00	0.00	0.00
76	Providing and fixing MS door for sump including cost of labour, materials and one coat of primer paint and two coats of enamel painting etc, as directed by the engineer in charge of work. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqm	0.72			0.00	3700.00	0.00	0.00	0.00
77	Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 19/20mm dia 2mm thick ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	300.00			0.00	50.00	0.00	0.00	0.00
78	b) 25mm dia 2mm thick ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	260.00			0.00	60.00	0.00	0.00	0.00

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
79	Concealed Conduit System: Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick confirmingto IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary. 19/20mm dia 2mm thick ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	40.00			0.00	40.00	0.00	0.00	0.00
80	b) 25mm dia 2mm thick ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	30.00			0.00	50.00	0.00	0.00	0.00
81	Groove Cutting : Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, by groove cutting in wall and fixing by using U or J hooks and cement plastering up to the wall surface and run with 18SWG GI fish wire through out the conduit where ever necessary. 19/20mm dia 2mm thick ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	120.00			0.00	50.00	0.00	0.00	0.00
82	b) 25mm dia 2mm thick ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	80.00			0.00	55.00	0.00	0.00	0.00
83	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	50.00			0.00	85.00	0.00	0.00	0.00
84	b) 4-5Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	40.00			0.00	90.00	0.00	0.00	0.00
85	c) 6Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	10.00			0.00	100.00	0.00	0.00	0.00
86	d) 8Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	30.00			0.00	125.00	0.00	0.00	0.00
87	e) 10-12Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	20.00			0.00	150.00	0.00	0.00	0.00
88	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1-3Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	50.00			0.00	85.00	0.00	0.00	0.00
89	b) 4-5Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	40.00			0.00	110.00	0.00	0.00	0.00
90	c) 6Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	10.00			0.00	165.00	0.00	0.00	0.00
91	d) 8Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	30.00			0.00	175.00	0.00	0.00	0.00
92	e) 10-12Way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	20.00			0.00	260.00	0.00	0.00	0.00
93	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293. 6Amps one way ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	104.00			0.00	55.00	0.00	0.00	0.00

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
94	b) 6Amps 3way socket ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	8.00			0.00	85.00	0.00	0.00	0.00
95	c) Stepped Fan Regulator ----- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	32.00			0.00	275.00	0.00	0.00	0.00
96	d) 16Amps one way switch ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	12.00			0.00	100.00	0.00	0.00	0.00
97	e) 6/16Amps universal socket ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	12.00			0.00	125.00	0.00	0.00	0.00
98	f) TV/Telephone socket ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	2.00			0.00	75.00	0.00	0.00	0.00
99	supplying and wiring adopting loop system in existing PVC conduit / casing capping using 1100 v grade , copper conductor flexible multistrand FRLS PVC insulated, 2 x1.5sq.mm cable confirming to the GTP, without switch, the other end of the wires shall be terminated with sufficient loose length in a wood /PVC cound block. complete for each outlet. Short point up to 3Mtr from tapping point to out let via switch box ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	24.00			0.00	125.00	0.00	0.00	0.00
100	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	90.00			0.00	200.00	0.00	0.00	0.00
101	c) Long point above 6Mtr up to 10Mtr from tapping point to out let via switch box ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	30.00			0.00	325.00	0.00	0.00	0.00
102	d) Two Outlet in a row, above 3.0M unto 6.0M from tapping point to outlet via switch box. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	10.00			0.00	400.00	0.00	0.00	0.00
103	e) Three Outlet in a row, above 6.0M unto 10.0M from tapping point to outlet via switch box. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	4.00			0.00	565.00	0.00	0.00	0.00
104	Supplying and fixing metal Fan box with Round Hook. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	46.00			0.00	85.00	0.00	0.00	0.00
105	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper with low conductor resistance single core cable in open or concealed system of wiring with specified IS-694:1990 & comfirming to GTP of Group-A . 1.5 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	500.00			0.00	15.00	0.00	0.00	0.00
106	b) 2.5 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	1000.00			0.00	25.00	0.00	0.00	0.00
107	c) 25mm dia 2mm thick ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	300.00			0.00	40.00	0.00	0.00	0.00
108	d) 6 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	100.00			0.00	60.00	0.00	0.00	0.00
109	b) 2.5 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	40.00			0.00	95.00	0.00	0.00	0.00

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
110	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mountin using required clamps, bolts, nuts with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting. Made out of 14 SWG M.S enclosure. Double door 4 way TP & N ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	2.00			0.00	2300.00	0.00	0.00	0.00
111	b) 6 way TP & N ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	2.00			0.00	2800.00	0.00	0.00	0.00
112	b) 12 way SP & N ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	2.00			0.00	1600.00	0.00	0.00	0.00
113	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 5-32Amps SP ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	20.00			0.00	400.00	0.00	0.00	0.00
114	b) 5-32Amps TPN ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	4.00			0.00	1540.00	0.00	0.00	0.00
115	c) 40-63Amps TPN ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	4.00			0.00	1900.00	0.00	0.00	0.00
116	Supplying, fixing and wiring eaarth Earth Leakage Miniature Circuit Breaker [ELMCB] 240/250V upto 300mA sensitivity on existing wood/panel board. 16-25Amps 2Pole ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	2.00			0.00	2400.00	0.00	0.00	0.00
117	b) 32-40Amps 4Pole ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	2.00			0.00	3250.00	0.00	0.00	0.00
118	Fabricating supplying and mounting MS box made out ...SWG suitable for floor I wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Sqcm	17000.00			0.00	0.30	0.00	0.00	0.00
119	Supplying .....amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenoliciFRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	mtr	2.00			0.00	2000.00	0.00	0.00	0.00
120	Supplying fixing angle iron frame work fabricated out of M.S angle iron .. And m.S flat.... With bolts, washers etc., and painted with two coats of red oxide and then two coats of approved paint. 40x40x6 mm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	mtr	6.00			0.00	250.00	0.00	0.00	0.00
121	a) 50x100x50x6 mm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	mtr	6.00			0.00	620.00	0.00	0.00	0.00

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
122	Supplying and fixing Moulded Case Circuit Breaker (MCCB) .over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (leu= lcs) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	2.00			0.00	5700.00	0.00	0.00	0.00
123	Supplying of multi function degital meter with three line backlight LCD type display for voltage , current frequency, power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54degree of protection and completely wired as required with communication port and class 0.5s accuracy. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	2.00			0.00	7500.00	0.00	0.00	0.00
124	Supplying, fixing and wiring 0 to 600Volts 96x96mm AC Voltmeter on existing panel/wood board. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	2.00			0.00	350.00	0.00	0.00	0.00
125	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	2.00			0.00	450.00	0.00	0.00	0.00
126	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	6.00			0.00	400.00	0.00	0.00	0.00
127	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	2.00			0.00	6250.00	0.00	0.00	0.00
128	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No.of Strip indicated in GTP & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A 3.5 core 50 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	40.00			0.00	250.00	0.00	0.00	0.00
129	b) 4 core 16 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	60.00			0.00	135.00	0.00	0.00	0.00
130	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. 25 sqmm to 75 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	60.00			0.00	15.00	0.00	0.00	0.00
131	b) 6 sqmm 16 Sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	100.00			0.00	8.00	0.00	0.00	0.00
132	Digging of trench of 0.6m deep x 0.50 mtr wide refiling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	96.00			0.00	70.00	0.00	0.00	0.00
133	providing and filling sand in exvated trench to cover already laid UG cable to a depth of 150mm afround the cable. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	96.00			0.00	90.00	0.00	0.00	0.00
134	providing and laying in position 100mm dia stone ware pipe in existing trench ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	56.00			0.00	200.00	0.00	0.00	0.00

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
135	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. 65 mm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Rmt	20.00			0.00	550.00	0.00	0.00	0.00
136	Supplying and fixing L.T cast iron pot heads suitable for 1.1 Kv class UG cable filled with necessory bitumin / insulating compound Complete with terminals, clamps, bolts, nuts and washers. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Rmt	2.00			0.00	600.00	0.00	0.00	0.00
137	Supplying and fiixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	4.00			0.00	375.00	0.00	0.00	0.00
138	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 50 sqmm Long Barrel ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	24.00			0.00	60.00	0.00	0.00	0.00
139	b) 6 sqmm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	24.00			0.00	5.00	0.00	0.00	0.00
140	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm alround with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	8.00			0.00	4317.00	0.00	0.00	0.00
141	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip 25x6mm ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Mtr	120.00			0.00	100.00	0.00	0.00	0.00
142	Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 4' - 28 watts ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	32.00			0.00	1600.00	0.00	0.00	0.00
143	Supplying and fixing PBBC/Bakelite straight or slant batten holder and wiring with 60w/230 volts lamp. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	34.00			0.00	150.00	0.00	0.00	0.00

Sl.No	Description of work	Unit	Estimate Qty	Previous		Present			Total up to date	
				Qty	Amount	Qty	Rate	Amount	Qty	Amount
144	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 56" Sweep (1400mm) Regular moduel ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	40.00			0.00	2200.00	0.00	0.00	0.00
145	Supplying exhaust fan of 1440 RPM of 300mm (12") sizewith bracket blades complete for light duty suitable to operate on 230V 50Hz. AC Supply ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	4.00			0.00	1600.00	0.00	0.00	0.00
146	Fixing all types and all capacities fluorescent / false ceiling/spotlight/ CFLfittings indoor on the wall/ ceiling/rafters / girders using 23/0.0076" twin twisted RVC insulated wires, required nos of round blocks and clamps (if required) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	72.00			0.00	95.00	0.00	0.00	0.00
147	Fixing fluorescent light using 2mtr long 19mm 18 SWG enameled braised conduit of two Nos. rod pendent with ball socket with check nuts all nickel plated) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	56.00			0.00	500.00	0.00	0.00	0.00
148	Fixing a ceiling /Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps.ceiling rose,necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire of approved quality, mounted on a suitable aize wooden board and wired ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	40.00			0.00	200.00	0.00	0.00	0.00
149	Fixing a ceiling fan with extra length of GI pipe of class B 19mm dia for down rod ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	40.00			0.00	150.00	0.00	0.00	0.00
150	Fixing one Exhast fan in the nitch already left in the wall with bolts and nets and 5 amps. Ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire. ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	40.00			0.00	400.00	0.00	0.00	0.00
	EIRL ITEMS									
EIRL-1	KSRRB M200-24-Dismantling of Cement Concrete Pavement By mechanical means using pneumatic tools,breaking to pieces no exceeding o.o2 cum in volume and stock piling at designated locations and disposal of dismantled materials up to a lead of 1000 meters,stacking serviceable and uncerviceable materials separately complete as per specifications.Morth specifications	Cum				42.73	817.01	34910.84	42.73	34910.84
EIRL-2	Dismantling burnt brick masanry in clay mortor/lime mortor/cement mortor and stocking the bricks within a radious of 50m and removing the debries to adistance up to 200m.etc as per specifications and directions of the engineer in charge of work (P265/37.47 PWD SR - 2016-17).	Cum				57.13	166.27	9499.50	57.13	9499.50
EIRL-3	KSRB 2.8: Providing and Filling in foundation with granite / trap broken metal 100mm. And down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete as per specifications. (P6/2.15 PWD SR - 2016-17)	Cum				51.78	2253.21	116671- ~~116660.46~~	51.78	116671- ~~116660.46~~

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145	Supplying exhaust fan of 1440 RPM of 300mm (12") sizewith bracket blades complete for light duty suitable to operate on 230V 50Hz. AC Supply ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	4.00			0.00	1600.00	0.00	0.00	0.00
146	Fixing all types and all capacities fluorescent / false ceiling/spotlight/ CFLfittings indoor on the wall/ ceiling/rafters / girders using 23/0.0076" twin twisted RVC insulated wires, required nos of round blocks and clamps (if required) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	72.00			0.00	95.00	0.00	0.00	0.00
147	Fixing fluorescent light using 2mtr long 19mm 18 SWG enameled braised conduit of two Nos. rod pendent with ball socket with check nuts all nickel plated) ---- All terms and conditions as per the Tender document and as per the direction Engineer-in-Charge	Each	56.00			0.00	500.00	0.00	0.00	0.00
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